

SPLINE **A**  
REF ANSI B92.1-1970

TYPE \_\_\_\_\_ EXTERNAL INVOLUTE  
FLAT ROOT, SIDE FIT

NO OF TEETH \_\_\_\_\_ 18

PITCH \_\_\_\_\_ 16/32

PRESSURE ANGLE \_\_\_\_\_ 30°

BASE CIRCLE DIA (REF) \_\_\_\_\_ .9742786

PITCH DIA (REF) \_\_\_\_\_ 1.125000

MAJOR DIA (REF) \_\_\_\_\_ 1.162 ± .167

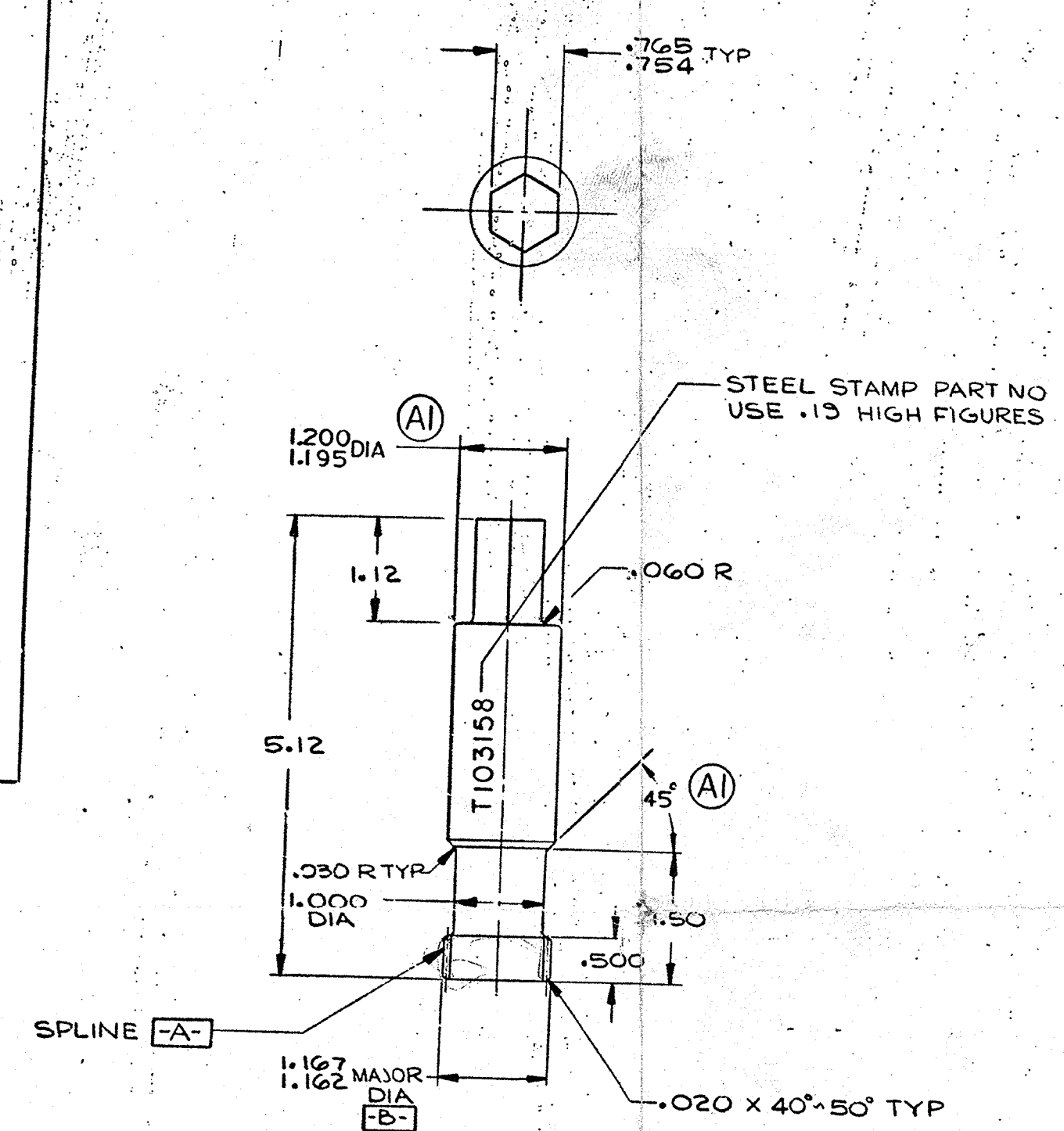
FORM DIA \_\_\_\_\_ 1.058

MINOR DIA \_\_\_\_\_ 1.025 MIN

CIRCULAR TOOTH THICKNESS  
MAX ACTUAL (REF) \_\_\_\_\_ .0894  
MIN ACTUAL (REF) \_\_\_\_\_ .0862

MEASUREMENT OVER  
.1200 DIA PINS \_\_\_\_\_ 1.2916 ± .2966

SURFACE TEXTURE \_\_\_\_\_ 125AA



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	SEE D.E.O. B454 BAE 59	11-6-79	PAL REDDY
B	SEE (1) EO B454 BAG 271 (2) CHG FROM TEST TO PROD DWG REF TEST EQ B031 ANO3	7-26-81	6-12-80 KEMP

- NOTES:
- (B) 1. T103158 IS USED TO TORQUE THE 214-040-959 RETAINER IN CONJUNCTION WITH T103246.
  - 2. BREAK ALL SHARP EDGES .030R OR .030 X 40°-50°
  - 3. ALL UNDESIGNATED SURFACES **B.010**
  - (B) 4. CAD PLATE PER QQ-P-416 CLASS 2 TYPE II.

T103158-101	WRENCH	1.38 DIA X 5.5	4340V STL COMMERCIAL	160-180	160-180
QTY REQD	PART OR IDENTIFYING NO.	CODE IDENT NO.	NOMENCLATURE OR DESCRIPTION	STOCK SIZE	MATERIAL

SOURCES QUALIFIED AND APPROVED BY BHT FOR STANDARDS AND MATERIALS ARE LISTED IN REPORT 299-099-900. FOR APPROVED INTERCHANGEABLE EQUIVALENTS AND SUPERSEDED PARTS - SEE BHT STANDARD 170-001 PROPRIETARY RIGHTS NOTICE THESE DATA ARE PROPRIETARY TO BELL HELICOPTER TEXTRON. DISCLOSURE, REPRODUCTION, OR USE OF THESE DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM BELL HELICOPTER TEXTRON. THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.		UNLESS OTHERWISE SPECIFIED: 1. MARK PER BPS 4050 2. BREAK ALL SHARP EDGES 3. TORQUE PER BPS 4018 4. SAFETY PER BPS 4043 5. DIMENSIONAL LIMITS APPLY AFTER PLATING APPLICABLE DOCUMENTS ABBREVIATIONS PER MIL-STD-12 DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973 ELECTRICAL SYMBOLS PER ANSI Y32.2 ELECTRICAL REF DESIGNATIONS PER ANSI Y32.16		CONTRACT NUMBER DRAWN E. ABRAHAM 10-17-78 CHECKED J. B. Bessell 2/19/79 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS ANGLES .XX ± .010 ± 1/2° .X ± .01 ± 1° SURFACE ROUGHNESS PER ANSI B46.1 125 MACHINED SURFACES EXCEPT AS NOTED MET DESIGN PROJECT G. Bradley 9/19/77 CUSTOMER		PARTS LIST EWA B031-AN WO B031 <b>Bell Helicopter TEXTRON</b> Division of Textron Inc. TITLE WRENCH - ENGINE OUTPUT, DRIVE SYSTEM INSTL. DWG CODE IDENT NO DWG NO D 97499 T103158 SCALE 1/1 ISSUED SHEET 1 OF 1 T1-9-25-79	
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CONTROLLED DOCUMENT

JUL 21 2015

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